ViewSonic®

PGD-250
3D Glasses

- User Guide

IMPORTANT: Please read this User Guide to obtain important information on installing and using your product in a safe manner, as well as registering your product for future service. Warranty information contained in this User Guide will describe your limited coverage from ViewSonic Corporation, which is also found on our web site at http://www.viewsonic.com in English, or in specific languages using the Regional selection box in the upper right corner of our website.
"Antes de operar su equipo lea cuidadosamente las instrucciones en este manual"

Model No. : VS13962

Compliance Information

For U.S.A.

This device complies with part 15 of FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Warning: You are cautioned that changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

For Canada

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

CE Conformity for European Countries

CE The device complies with the EMC Directive 2004/108/EC and Low Voltage Directive 2006/95/EC.

Following information is only for EU-member states:

The mark shown to the right is in compliance with the Waste Electrical and Electronic Equipment Directive 2002/96/EC (WEEE).

The mark indicates the requirement NOT to dispose the equipment as unsorted municipal waste, but use the return and collection systems according to local law.

If the batteries, accumulators and button cells included with this equipment, display the chemical symbol Hg, Cd, or Pb, then it means that the battery has a heavy metal content of more than 0.0005% Mercury or more than, 0.002% Cadmium, or more than 0.004% Lead.

Declaration of RoHS Compliance

This product has been designed and manufactured in compliance with Directive 2002/95/EC of the European Parliament and the Council on restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS Directive) and is deemed to comply with the maximum concentration values issued by the European Technical Adaptation Committee (TAC) as shown below:

Substance	Proposed Maximum Concentration	Actual Concentration
Lead (Pb)	0,1%	< 0,1%
Mercury (Hg)	0,1%	< 0,1%
Cadmium (Cd)	0,01%	< 0,01%
Hexavalent Chromium (Cr6+)	0,1%	< 0,1%
Polybrominated biphenyls (PBB)	0,1%	< 0,1%
Polybrominated diphenyl ethers (PBDE)	0,1%	< 0,1%

Certain components of products as stated above are exempted under the Annex of the RoHS Directives as noted below:

Examples of exempted components are:

1. Mercury in compact fluorescent lamps not exceeding 5 mg per lamp and in other lamps not specifically mentioned in the Annex of RoHS Directive.
2. Lead in glass of cathode ray tubes, electronic components, fluorescent tubes, and electronic ceramic parts (e.g. piezoelectronic devices).
3. Lead in high temperature type solders (i.e. lead-based alloys containing 85% by weight or more lead).
4. Lead as an allotting element in steel containing up to 0.35% lead by weight, aluminium containing up to 0.4% lead by weight and as a cooper alloy containing up to 4% lead by weight.

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Product Registration

To meet your future needs, and to receive any additional product information as it becomes available, please register your product on the Internet at: www.viewsonic.com.

For Your Records

Product Name:	PGD-250 ViewSonic 3D Glasses
Model Number:	VS13962
Document Number:	PGD-250_UG_ENG Rev. 1A 12-06-10
Serial Number:	_____
Purchase Date:	_____

Product disposal at end of product life

ViewSonic respects the environment and is committed to working and living green. Thank you for being part of Smarter, Greener Computing. Please visit ViewSonic website to learn more.
USA & Canada: http://www.viewsonic.com/company/green/recycle-program/
Europe: http://www.viewsoniceurope.com/uk/support/recycling-information/
Taiwan: http://recycle.epa.gov.tw/recycle/index2.aspx

3D Active Glasses for DLP Link

3D VIEWING GUIDELINES

- If the projector becomes disconnected due to either a change in the viewing angle or distance, the 3D glasses turn off automatically after 30 seconds.
- The 3D Active Glasses may not work properly if there is any other 3D product or electronic devices turned on near the glasses or projector.
- Be sure to stay within the viewing angle and optimum viewing distance when watching 3D pictures. Otherwise, you may not be able to enjoy proper 3D effects.

PART NAMES

Please list and description for above Item

1. Optical receiver
2. Power button / Battery indicator LED
3. USB mini B for battery charger

ACCESSORIES

- 3D Glasses (1)
- USB Charging Cable (1)
- Pouch (1)
- Cleaning Wipe (1)
- Operating Instruction (1)

System Requirements

The PGD-250 3D Glasses are designed to be emitter free and work with 3D enabled DLP® Link projectors and televisions. The DLP projector should be in 3D mode and displaying 3D content.

Benefits

Light weight design for comfortable long-time wear

- Long effective distance (up to 12 metres) when used in conjunction with a projector which has a brightness output of more than 2000 lumens
- Good resistance against ambient light interference

USING 3D GLASSES

- Power On
  ─ Press the power button once. The red LED blinks 10 times quickly.
- Power Off
  ─ Press the power button. The red LED blinks 5 times.
- Auto Off
  ─ The power is automatically turned off if no signal is transmitted for 30 seconds.
- Free run
  ─ The 3D Glasses work for 10 seconds in no signal.

Battery Indicator

ViewSonic PGD-250 glasses use one lithium-polymer battery inside the right temple. Battery provides almost 50 hours (active mode) of battery life. The battery can easily be recharged by charging system. If the glasses are in low battery, the LED blinks 27 times quickly and turns off automatically. While the glasses are in charge, LED turns on. When charging is completed, the LED turns off.

CHARGING 3D GLASSES

- Connect the USB port located under the power button on the glasses to the USB port of the TV or PC using the supplied USB cable.
- Charge the glasses until the LED turns off.
- The glasses will fully charge in about 2 hours.

※ If you use a USB cable other the one supplied with the product, the product may be damaged.

MOTION RANGE

- Suggested distance of use: 10m

※ The signal range depends on the projector's brightness.

Compliance & Certification

PGD-250 3D glasses are compliant with the following regulations.

- FCC (Federal Communications Commission)
- CE (European Conformity)

WARNING

IMPORTANT SAFETY INFORMATION. READ THE FOLLOWING WARNINGS BEFORE YOU OR YOUR CHILD USES THE 3D FUNCTION.

- Parents' careful supervision is required particularly when children or teenagers view 3D images.
- Some viewers may experience an epileptic seizure or stroke when exposed to certain flashing images or lights contained in certain television pictures or video games. If you or any of your relatives has a history of epilepsy or strokes, please consult with a medical specialist before using the 3D function.
- Even those without a personal or family history of epilepsy or stroke may have an undiagnosed condition that can cause "photosensitive epileptic seizures."
- If you experience any of the following symptoms immediately stop watching 3D pictures and consult a medical specialist : (1) altered vision; (2) lightheadedness; (3) dizziness; (4) involuntary movements such as eye or muscle twitching; (5) confusion; (6) nausea; (7) loss of awareness; (8) convulsions; (9) cramps; and/or (10) disorientation. Parents should monitor and ask their children about the above symptoms. Children and teenagers may be more likely than adults to experience these symptoms.
- Do not watch 3D pictures when you feel incoherent, sleepy, tired or sick. Avoid watching 3D pictures for long periods of time. Take breaks.
- Note that watching while sitting too close to the screen for an extended period of time may weaken your eyesight.
- Note that watching while wearing 3D glasses for an extended period of time may cause a headaches, fatigue, or dizziness. If you have a headache, fatigue, or dizziness, stop watching and rest.

- Some 3D pictures may startle viewers. The pregnant, elderly, epileptic, and those suffering from serious physical conditions are advised to avoid utilizing the unit's 3D functionality.
- If you are in bad physical conditions, sleep deprived, or have drunk alcohol, we strongly recommend you not use 3D glasses or 3D pictures.
- Please take case to be aware of the world around. This product is designed to be immersive. DO NOT use this product near open stairwells, cables, balconies or other objects that can be tripped over, run into, knocked down, broken or knocked over. If you are startled or misconstrue the 3D images as real, you may crush a nearby object or injure yourself trying to move your body.
- When watching a 3D video, do not please anything nearby that can be easily broken. Involuntary movements or surprised reactions may occur as a result of watching 3D images, causing you to break surrounding objects or hurt yourself.
- Do not use the 3D glasses for any purpose other than the purpose it was designed (sunglasses, protective goggles, etc.) may physically harm you or weaken your eyesight.

CAUTION

- Do not place the product in a location exposed to direct sunlight, heat, fire or water. This may result in a products malfunction or fire.
- Do not apply force to the lenses of 3D glasses. Do not drop or bend the product. This may result in a product malfunction.
- When cleaning, do not spray cleaner directly onto the surface of the product. This may result in fire or electric shock, damage to the products surface, or result in the indication labels peeling from the product surface.
- Do not use chemicals containing alcohols, solvents or surfactants or chemicals such as wax, benzene, thinner, mosquito repellant, lubricant, or cleaners. These may result in discoloration or cracks on the product surface and cause the indication labels to peel from the products surface.
- Since the product surface and the lens are easily scratched, make sure to use a clean soft cloth (superfine fibers, cotton flannel) when clearing to avoid scratching either the surface or the lens. As the

product may become scratched if there is any foreign material on the cloth, mare sure to shake off any dust before using it.

- Do not attempt to replace the battery. The battery is not replaceable.
- Do not apply strong pressure to the lens's of the PGD-250 3D glasses

TROUBLESHOOTING

- The glasses do not work properly.

— Focus the glasses towards the front of the screen or TV. Make sure that the distance between the screen or TV and the glasses is within the motion range.

— Check the 3D function settings of your projector.

- There is something wrong with the 3D images.

— Switch the left and right sides of the 3D image. For details, see the projector operating instructions.

- The LED indicator does not light when the power switch is set to ON.

— The battery is completely flat. Charge the battery.

- The battery does not charge, or operation time is short when charged.

— Check the charging cable connection.

— If operation time is too short even when the battery is charged, the battery has reached the end of its lifespan. Please consult when the place of purchase.

SPECIFICATION (MODEL NAME: PGD-250)

- Communication: White Light
- Transmittance: 65±2%
- Weight: 38.5g (with Li-Polymer battery)
- Battery: One 3.7V Li-Polymer battery (110mAh)
- Maximum Signal Receiving Distance: 12m (Depend on the projector's brightness)
- Power Consumption: 2.5mA (Average)
- Operating Time: 50 hours (Approx.)
- Operating Temperature: 0°C ~ 40°C
- Storage Temperature: -10°C ~ 70°C

Customer Support

For technical support or product service, see the table below or contact your reseller.

Note : You will need the product serial number.

Country/Region	Website	T = Telephone F = FAX	Email
Australia/New Zealand	www.viewsonic.com.au	AUS= 1800 880 818 NZ= 0800 008 822	service@au.viewsonic.com
Canada	www.viewsonic.com	T (Toll-Free)= 1-866-463-4775 T (Toll)= 1-424-233-2533 F= 1-909-468-3757	service.ca@viewsonic.com
Europe	www.viewsoniceurope.com	www.viewsoniceurope.com/uk/support/call-desk/	
Hong Kong	www.hk.viewsonic.com	T= 852 3102 2900	service@hk.viewsonic.com
India	www.in.viewsonic.com	T= 1800 11 9999	service@in.viewsonic.com
Ireland (Eire)	www.viewsoniceurope.com/uk/	www.viewsoniceurope.com/uk/ support/call-desk/	service_ie@viewsoniceurope.com
Korea	www.kr.viewsonic.com	T= 080 333 2131	service@kr.viewsonic.com
Latin America (Argentina)	www.viewsonic.com/la/	T= 0800-4441185	soporte@viewsonic.com
Latin America (Chile)	www.viewsonic.com/la/	T= 1230-020-7975	soporte@viewsonic.com
Latin America (Columbia)	www.viewsonic.com/la/	T= 01800-9-157235	soporte@viewsonic.com
Latin America (Mexico)	www.viewsonic.com/la/	T= 001-8882328722	soporte@viewsonic.com
Renta y Datos, 29 SUR 721, COL. LA PAZ, 72160 PUEBLA, PUE. Tel: 01.222.891.55.77 CON 10 LINEAS Electroser, Av Reforma No. 403Gx39 y 41, 97000 Mérida, Yucatán. Tel: 01.999.925.19.16 Other places please refer to http://www.viewsonic.com/la/soporte/index.htm#Mexico			
Latin America (Peru)	www.viewsonic.com/la/	T= 0800-54565	soporte@viewsonic.com
Macau	www.hk.viewsonic.com	T= 853 2870 0303	service@hk.viewsonic.com
Middle East	ap.viewsonic.com/me/	Contact your reseller	service@ap.viewsonic.com
Puerto Rico & Virgin Islands	www.viewsonic.com	T= 1-800-688-6688 (English) T= 1-866-379-1304 (Spanish) F= 1-909-468-3757	service.us@viewsonic.com soporte@viewsonic.com
Singapore/Malaysia/Thailand	www.ap.viewsonic.com	T= 65 6461 6044	service@sg.viewsonic.com
South Africa	ap.viewsonic.com/za/	Contact your reseller	service@ap.viewsonic.com
United Kingdom	www.viewsoniceurope.com/uk/	www.viewsoniceurope.com/uk/ support/call-desk/	service_gb@viewsoniceurope.com
United States	www.viewsonic.com	T (Toll-Free)= 1-800-688-6688 T (Toll)= 1-424-233-2530 F= 1-909-468-3757	service.us@viewsonic.com

Limited Warranty

Please go to the Customer Support table in this guide for the ViewSonic website in your region to get warranty information.